


SC 
supply means for holding the current impulse response and supplying the current impulse response to said generation means;

elimination means for subtracting said pseudo acoustic echo signal from a microphone input signal to remove an acoustic echo component and thereby generate an acoustic echo-canceled signal;

B1
cont
update means for continually updating the impulse response by using said source signal, said acoustic echo-canceled signal and the current impulse response held by said supply means and for supplying the updated impulse response to said supply means;

decision means for checking, in each frame, whether or not a voice is included in the microphone input signal, by using time domain information and frequency domain information of said acoustic echo-canceled signal, wherein the microphone input signal comprises background noise;

storage means for storing one or more impulse responses; and

control means for, in a frame for which the result of decision made by said decision means is negative, storing in said storage means the current impulse response held by said supply means and, in a frame for which the result of decision is positive, retrieving one of the impulse responses stored in said storage means and supplying it to said supply means.

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com